



# Engineering Design Technology A.S. Degree

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2024-25

**Total Units:** 60-61

## First Year

### Semester 1

14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 310	Technical Graphics With CAD I	3	
Maj	EDT 312 <sup>+</sup>	Technical Graphics With CAD II	3	
GE	INDIS 313 <sup>*</sup>	Freshman Seminar	3	IIIB
GE	MATH 300 <sup>**</sup>	Introduction to Mathematical Ideas	3	IIB
GE		Physical Education	1	IIIA
Elec		***Elective	1	

**+Prerequisite for EDT 312:** EDT 310 with a grade of "C" or better.

EDT 310 (1st 8weeks)

EDT 312 (2nd (8weeks)

**\*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC General Education Area IIIb, such as HCD 310-College Success.**

\*If you don't place directly in MATH 300 (check your e-Services account), you will need to take MATHS 95/MATH 300 combo course.

\*\*\*Electives may include any courses numbered 100-499.

### Semester 2

16-17 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 316 <sup>+</sup>	REVIT-Architectural	3	
Maj	EDT 318	Beginning 3D Modeling-CREO	3	
Maj	EDT 320 <sup>+</sup>	Architectural/Structural Drafting	4	
Maj	EDT 340	Plumbing and Piping Systems Design I	3	
GE	ENGWR 300 <sup>*</sup> / 488 <sup>H</sup> / ESLW 340	College Composition	3-4	IIA

### Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

### Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

### AA/AS Requirements

Associate Degrees require the following:

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed at Sacramento City College.
2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of Sacramento City College's general education requirements – Area I; Area II(a) and II(b); Area III(a) and III(b), or Area III(c); Area IV; Area V; and Area VI – with an overall 2.0 GPA.
4. Completion of all three competency requirements (reading, writing, and mathematics).

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

**+Prerequisite for EDT 316:** EDT 310 with a grade of "C" or better

**+Prerequisite for EDT 320:** EDT 310 with a grade of "C" or better; or equivalent (may be taken concurrently with EDT 320)

\*If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.

## Second Year

### Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 317 <sup>+</sup>	REVIT-MEP	3	
Maj	EDT 332 <sup>+</sup>	Building Mechanical Design Documents	3	
Maj	EDT 336	Building Mechanical Systems Design	3	
Maj	EDT 342	Plumbing and Piping Systems Design II	3	
GE		Natural Sciences	3	IV

**+Prerequisite for EDT 317:** EDT 310 with a grade of "C" or better

**+Prerequisite for EDT 332:** EDT 310 with a grade of "C" or better; or concurrent enrollment in EDT 310

### Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 352 <sup>+</sup>	Building Electrical Design Documents	3	
Maj	EDT 356 <sup>^</sup>	Building Electrical Systems Design	3	
GE	HIST 310 / 311 / 320 / 321 / 327 / 483 <sup>H</sup> / 484 <sup>H</sup> / 485 <sup>H</sup> / 486 <sup>H</sup> / 487 <sup>H</sup>	History of the United States (To 1877)	3	VA/VI
GE		Social & Behavioral Sciences	3	VB
GE		Humanities	3	I

**+ Prerequisite for EDT 352:** EDT 310 with a grade of "C" or better or concurrent enrollment in EDT 356

**^Corequisite for EDT 356:** Concurrent enrollment in EDT 352

*Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.*

### Placement Information

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements.**

### Important Links

[SCC General Counseling](#)  
[Engineering Design Technology](#)  
[Science, Math, & Engineering Meta Majors](#)